

# Eleganza 3XC



Designed for ICU

# Benefits of Eleganza 3XC





- Everything needed to save lives
- Prevention of pulmonary and cardiac complications
- Falls protection and pressure ulcer prevention



Patient

- Easy infection control
- In-bed weighing and X-ray examinations
- Easy and intuitive handling



Staff

- Best level of care provided
- Better working conditions for staff
- Cost savings due to shorter hospitalisation



Management

# Support for vital functions





Thanks to the one-button function of the Eleganza 3XC bed, hospital staff can effectively care for the well-being of two of the most important organs: the heart and lungs. In the cardiac chair position, the bed supports respiratory and cardiovascular systems.

## Cardiac chair

The cardiac chair position helps to maximise respiratory function and the sitting position also enhances patient comfort when reading, eating or watching television.



- Staff may comfortably adjust the position of the cardiac chair with one touch of a single button in the supervisor control panel.
- The Ergoframe® system extends the mattress platform in the pelvic area and reduces the pressure load on the tissues in this region when a patient is positioned in the cardiac chair position.



SAFE STABILISATION OF VITAL FUNCTIONS



QUICK AND EASY ADJUSTMENT OF THE PATIENT INTO THE REQUIRED POSITIONS

# In-bed X-ray imaging

X-ray examination of a critically ill patient is part of the daily routine for intensive care units. Frequent lung and chest X-ray monitoring can prevent life-threatening complications. In-bed X-ray imaging serves both the patient who does not have to be moved unnecessarily, and the staff through reducing patient handling.





## Integrated X-ray cassette holder

The backrest of the Eleganza 3XC is radiotranslucent, and a holder for an X-ray cassette is fixed beneath it. The holder's sliding construction allows the cassette to be conveniently inserted under the mattress platform from the side of the bed.



## C-arm compatibility

The Eleganza 3XC bed allows certain C-arm-assisted cardio-surgical operations to be performed directly on the bed thanks to the radiotranslucent mattress platform (from the pelvic area to the head of the bed).

- The column construction allows for the unrestricted accessibility of the C-arm.

# Stop pressure ulcers

## Ergoframe®

The Eleganza 3XC bed is equipped with the Ergoframe® which extends the mattress platform in the pelvic area and reduces the pressure load on the tissues in this region.

- This unique solution delivers maximum patient comfort in all positions.
- The Ergoframe® system also reduces friction and shearing forces between the mattress and the patient's skin which contributes to the prevention of pressure ulcers.



## Active mattress Virtuoso

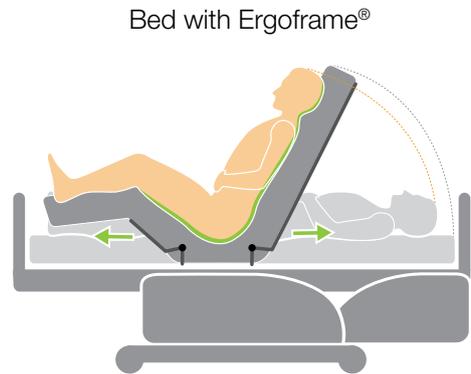
The zero pressure concept of the Virtuoso therapeutic surface makes it one of the most effective pressure-relieving mattresses. Virtuoso is designed for high-risk, immobile patients and allows for the effective prevention and treatment of pressure ulcers.





## The positive effects of Ergoframe®

- Easier breathing
- Less friction and shearing forces
- Enhanced comfort in the abdominal area
- Minimised patient migration to the foot section
- Better support of the head



Standard bed



 Most-affected areas by extensive pressure and shearing forces.

## Three-cell system with zero pressure

- The three-cell technology of the Virtuoso mattress mimics the body's natural movement and thus prevents pressure damage. The mattress frequently and completely eliminates pressure.
- The inflation cycle of the mattress is repeated every 7.5 minutes and operates 24 hours a day.



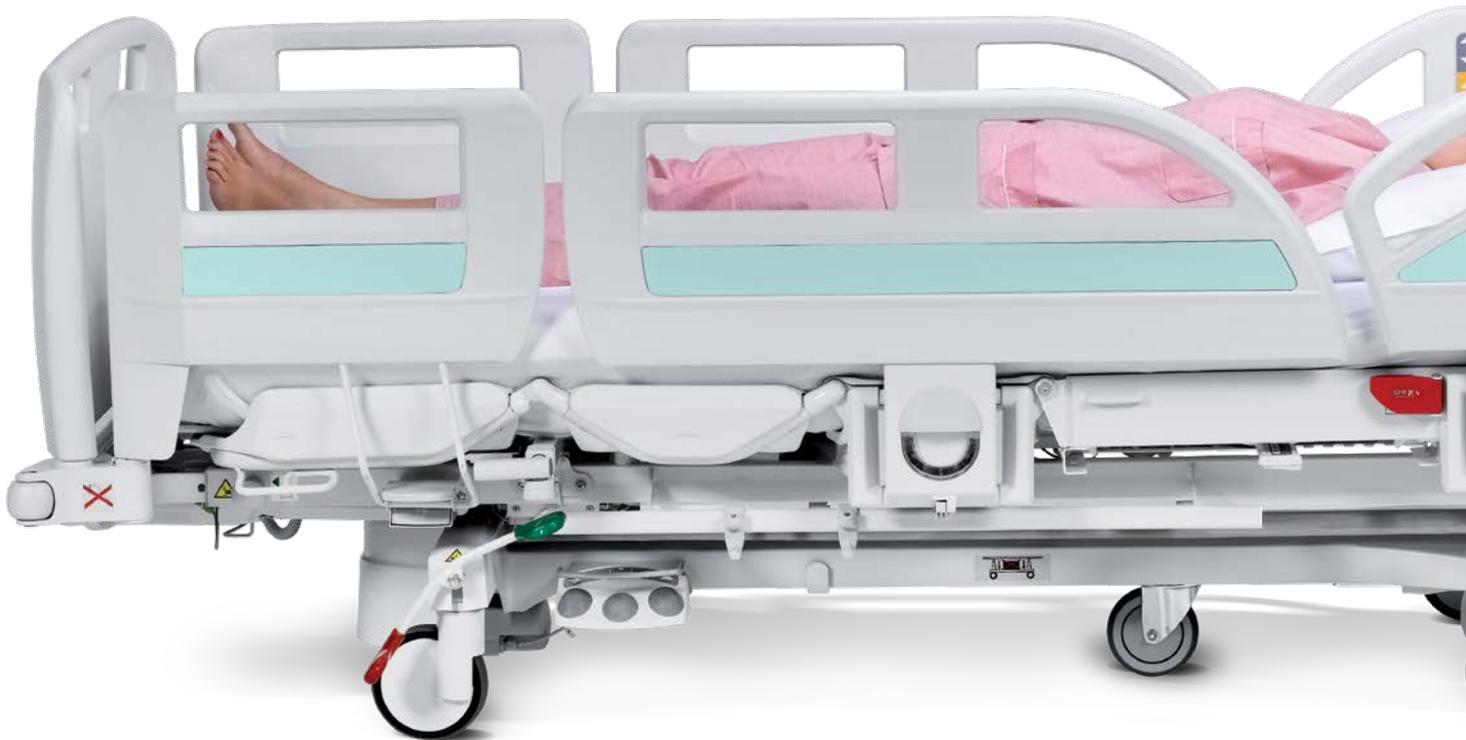
## Optimising care

The Virtuoso mattress system offers four operation modes: therapeutic, static, assessment and transport mode. This allows for the selection of the best procedure when caring for very high-risk patients.

# Falls prevention

## Three-section siderails – complete protection

The unique siderail system of the Eleganza 3XC creates a safe area on the bed. Staff can optimise siderail use according to the individual medical condition of the patient.



- If the patient is at high risk for falls, the nurse may set the siderails to span the entire length of the mattress platform.
- The Eleganza Protector® provides a protective barrier all around the mattress platform. This may prevent confused or high-risk patients from falling.

## Standard protection

Siderails without the Eleganza Protector® provide a standard level of protection for most patients.



## Active elements for enhanced falls prevention

Besides the mechanical solutions, Eleganza 3XC offers other progressive methods of minimising the fall risk. To achieve the highest patient safety level, the bed can be equipped with other sophisticated features as well.



### Bed exit alarm

Multi-zone bed exit alarm monitors the patient's presence and movements in bed, and alerts the staff to a potential fall risk.



### i-Brake®

When the bed has accidentally been left unbraked, the system automatically activates the brakes one minute after the bed is plugged into the mains.



ENHANCED PROTECTION AGAINST FALLS



MONITORING OF PATIENTS IN ORDER TO STAY SAFE

# Quick and independent

Eleganza 3XC bed frame offers a comprehensive system of features facilitating patient mobilisation in the safest and most effective way. The bed's mobilisation aids save nurses and physiotherapists energy and time.



## Mobi-Lift® system

The Mobi-Lift® mobilising handles integrated into the bed's mattress platform act as a stable support for the patient when exiting and entering the bed.

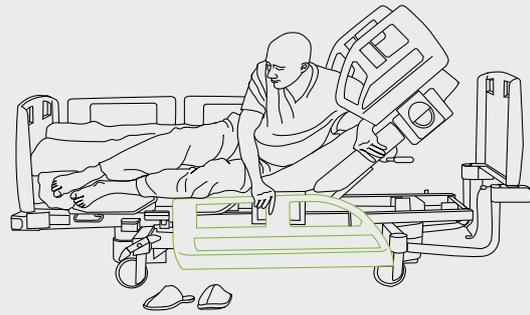
- The Mobi-Lift® support handles give the patient a certain amount of security and an increase in confidence.
- A simple bed height adjustment button is integrated into the Mobi-Lift® support handles.



# mobilisation



## MOBILISATION PROCEDURE



*The patient can sit up safely with the support of the backrest and middle siderails.*



*The patient can slide out the Mobi-Lift® handle using one hand.*



*Using the control integrated into the Mobi-Lift® handle, the patient can adjust the optimum bed height for getting up.*

# Superior staff support

To make nursing more ergonomic, Eleganza 3XC can be placed into the examination position at the touch of a button using either the Supervisor panel or hands-free foot controls.



## Easier transport

The retractable 5<sup>th</sup> castor i-Drive allows the bed to be smoothly manoeuvred into position without repeated pushing and pulling movements and can be retracted into the chassis when not in use.



**Standard bed**

**Eleganza 3XC bed with the 5<sup>th</sup> castor**

The 5<sup>th</sup> castor is in the central part of the undercarriage, which makes it easier for staff to handle the bed when manoeuvring in tight spaces.

- In long corridors, the 5<sup>th</sup> castor maintains direct steering.
- Easy bed steering during patient transport contributes to reducing staff workload.
- The bed can be moved sideways when the brakes are in the neutral position.

Once the bed is braked, the 5<sup>th</sup> castor i-Drive is automatically retracted into the chassis to reserve clearance under the bed for servers or patient lifts.



## In-bed scales

The weighing system indicates the absolute value of the patient's body mass (without the effect of the bed), and the system enables accessories to be added or removed without changing the weight of the patient.

# Infection control

The core of effective nosocomial infection prevention is perfect hygiene and the disinfection of all surfaces in a ward, including the bed. Easy decontamination of the Eleganza 3XC bed is guaranteed due to the simple structure and use of joint-free technology.



## Column construction

The column construction of the bed is the foundation of easier hygiene. The sealed columns consist of smooth aluminium profiles without any difficult-to-clean gaps and joints. The structure allows unrestricted access to all surfaces of the bed.



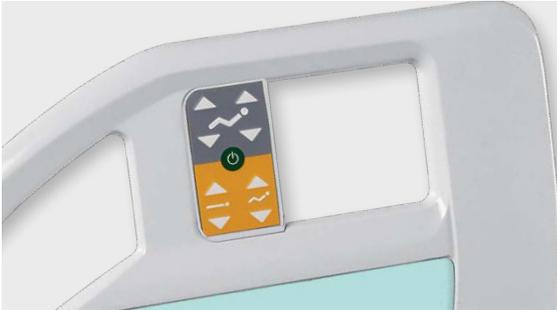
EASY TO CLEAN



INFECTION CONTROL

# Controls system

The set of controls allows nurses to operate the Eleganza 3XC bed effectively and comfortably. Patients can control the basic functions which contribute to their independence and physical welfare.



## Siderails control

The basic functions control is located in the siderail so it is easily accessible by the patient.



## Supervisor Panel

The shape of the panel is ergonomically designed and the clear graphics are user-friendly. The electric operations also include five pre-programmed functions – emergency Trendelenburg position, cardiac chair position, examination position, mobilisation position and CPR.



## Patient handset

The practical patient and nurse handset contains the basic bed controls, including the backrest tilt and mattress platform height adjustment. Either function can be locked out from the supervisor panel.



## Foot Controls

The foot controls are located beneath the bed undercarriage on both sides and enable practical, easy and hands-free adjustment of the height and examination position. They are equipped with a mechanical protector against accidental activation.

# Ideal features for ICU

1

## Constant height of head end

The head end fixed to the chassis enables quick and easy access to the patient's head.

2

## Columns

Electric lifting units in two columns enable adjustment of the mattress platform height and change to other positions. The column structure ensures that the bed is perfectly stable.

3

## Bed extension

The integrated bed extension adjusts the mattress platform length to the individual heights of patients.

4

## Linen shelf

The linen shelf also stores the Supervisor panel.

5

## Lockable bed ends

The removable bed ends can be locked to prevent their accidental removal when steering or handling the bed.



## Colours and decors

The colour versions of the bed ends and siderails are variable and fully blend in with the surroundings.

The Eleganza 3XC bed is also available in a wide range of wooden decors which would be well-suited to any interior.





#### TECHNICAL PARAMETERS

Bed dimensions	223×105 cm
Bed extension	+8/+17 cm
Mattress dimensions (96 cm width Linet mattress)	208 × 86 cm
Height adjustment	40.0–78.0 cm
TR/ATR tilt	±13°
Two-section folding siderails height above mattress platform (without mattress, according to standard EN 60601-2-52)	45 cm
Weight (basic equipment)	138 kg
Safe working load	250 kg
X-ray cassette holder for cassette	35×43 cm

#### CERTIFICATES

LINET is certified according to European standards and the following quality management systems:  
EN ISO 9001:2000, EN ISO 13485:2003.

Products are manufactured according to European standards for medical technology and hospital beds:  
EN 60601-1, EN 60601-1-2, EN 60601-1-4, EN ISO 14971, 93/42/EEC, 90/384/EEC and EN 60601-2-52:2010.

#### ELECTRIC PARAMETERS

Power supply	230V, 50/60Hz
Maximum input	370VA
Protection against water and dust	IP 54
Equipment classification per IEC 60601-1	Class I
Level of protection against injury from electrical current	Applied part type B
Electric motor operation mode (load factor)	Max. 2 min ON/18 min OFF

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Staff

Management

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